

Figure 1

SP 0	SP 4	C 8	C 12	C 16	C 20	C 24	C 28
R 1	SP 5	C 9	C 13	C 17	C 21	C 25	C 29
R 2	SP 6	SP 10	SP 14	SP 18	C 22	C 26	C 30
SP 3	SP 7	R 11	R 15	SP 19	C 23	C 27	C 31
C 32	SP 36	SP 40	SP 44	SP 48	C 52	C 56	C 60
C 33	C 37	C 41	C 45	C 49	C 53	C 57	C 61
C 34	C 38	C 42	C 46	C 50	C 54	C 58	C 62
C 25	C 39	C 43	C 47	C 51	C 55	C 59	C 63

Figure 2A

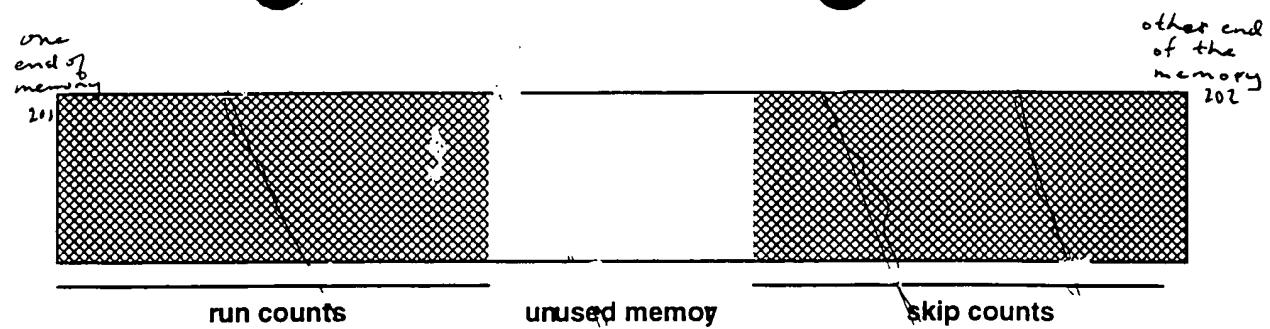


Figure 2B

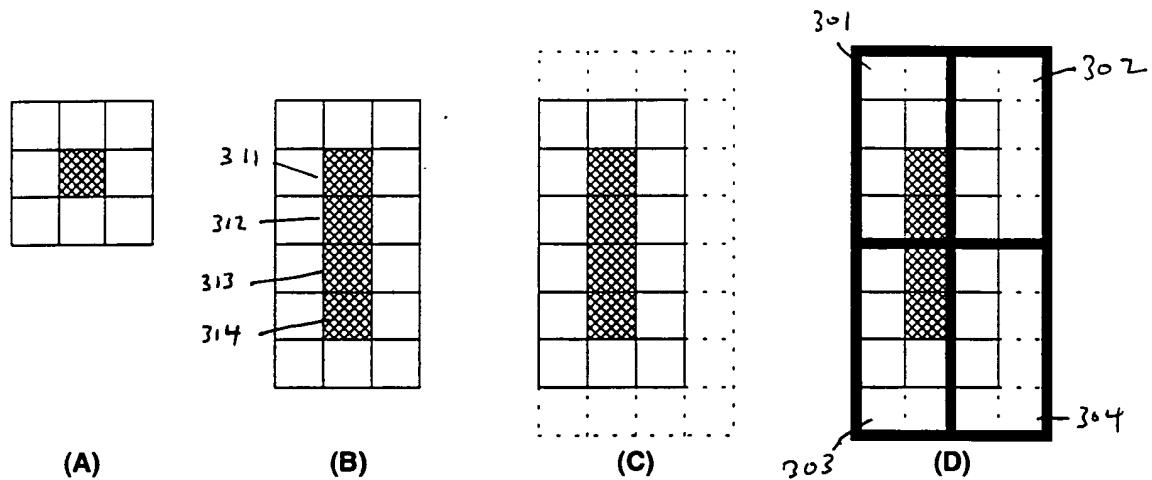


Figure 3

0	1	2	3	4	5	6	7
A	B	A	B	A	B	A	B
C	D	C	D	C	D	C	D
A	B	A	B	A	B	A	B
C	D	C	D	C	D	C	D
A	B	A	B	A	B	A	B

Figure 4

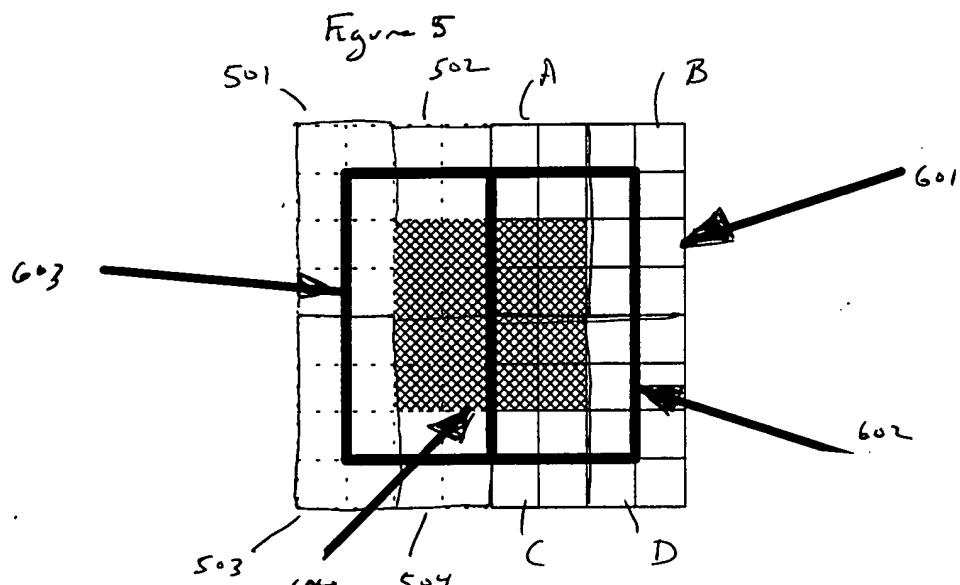
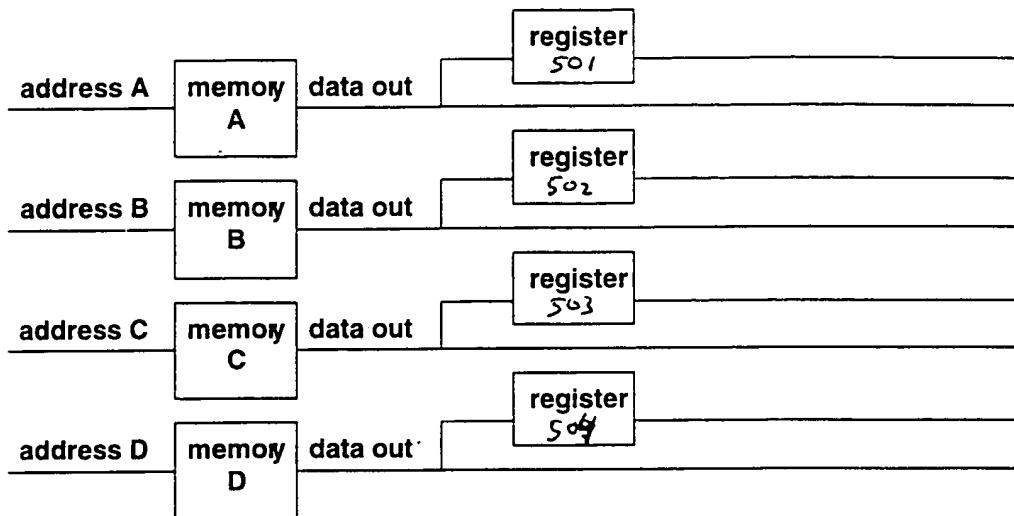


Figure 6

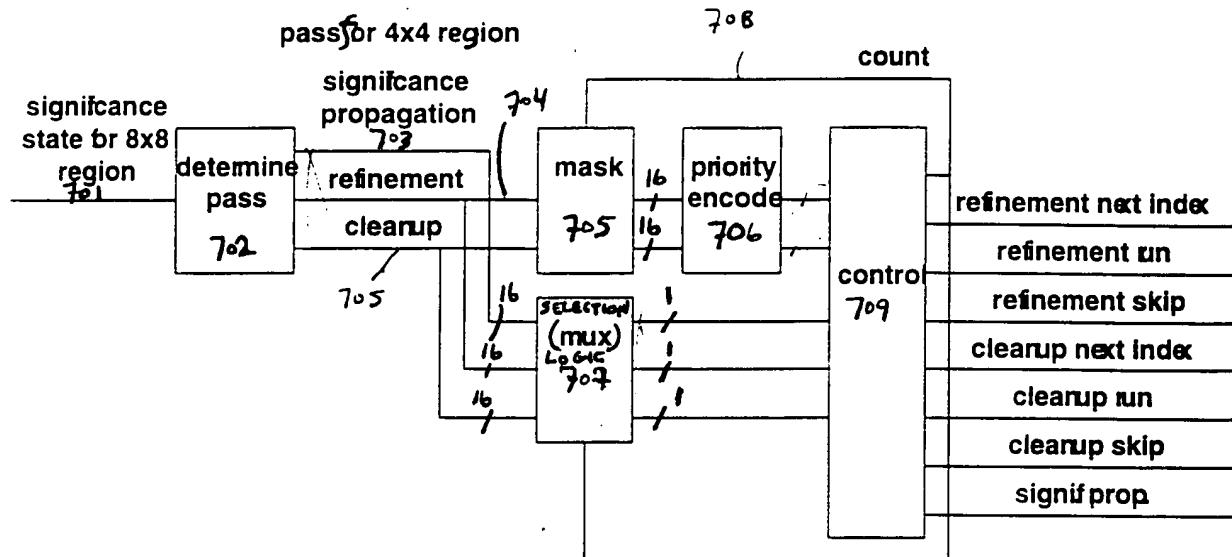


Figure 7

SP	SP	SP	SP
C	C	C	C
SP	SP	SP	SP
SP	R	R	SP

SP = significance propagation

C = cleanup

R = refinement

SP pass: 10*2 for SP pass coefficients
6 for C and R pass coefficients

C pass: 4*2 for C pass coefficients

R pass: 2 for R pass

total: 36 clocks = 2.25 clocks per coefficient

Figure 8

	0	1	2	3
0	A	A	A	A
1	B	B	B	B
2	A	A	A	A
3	B	B	B	B
0	A	A	A	A

Figure 9

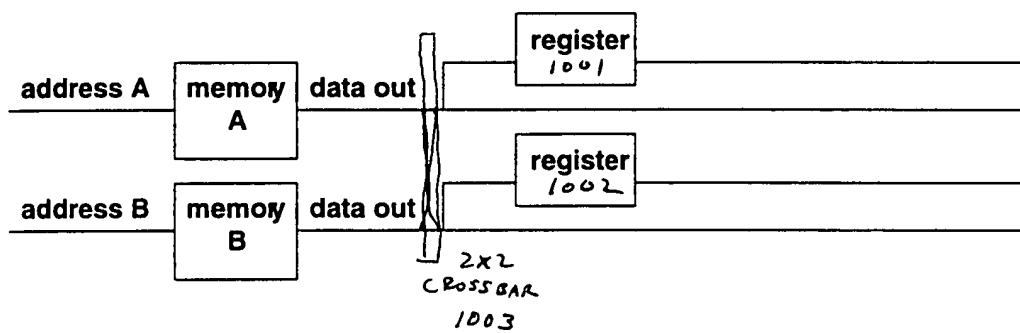


Figure 10

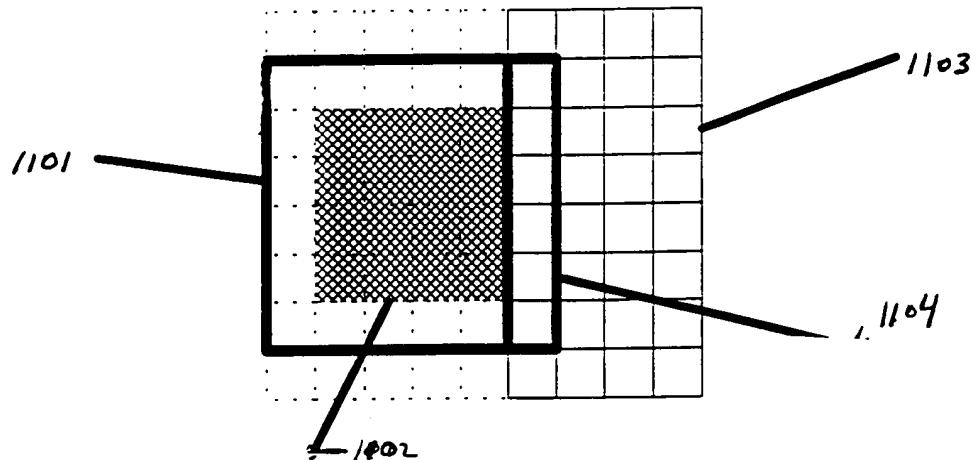


Figure 11

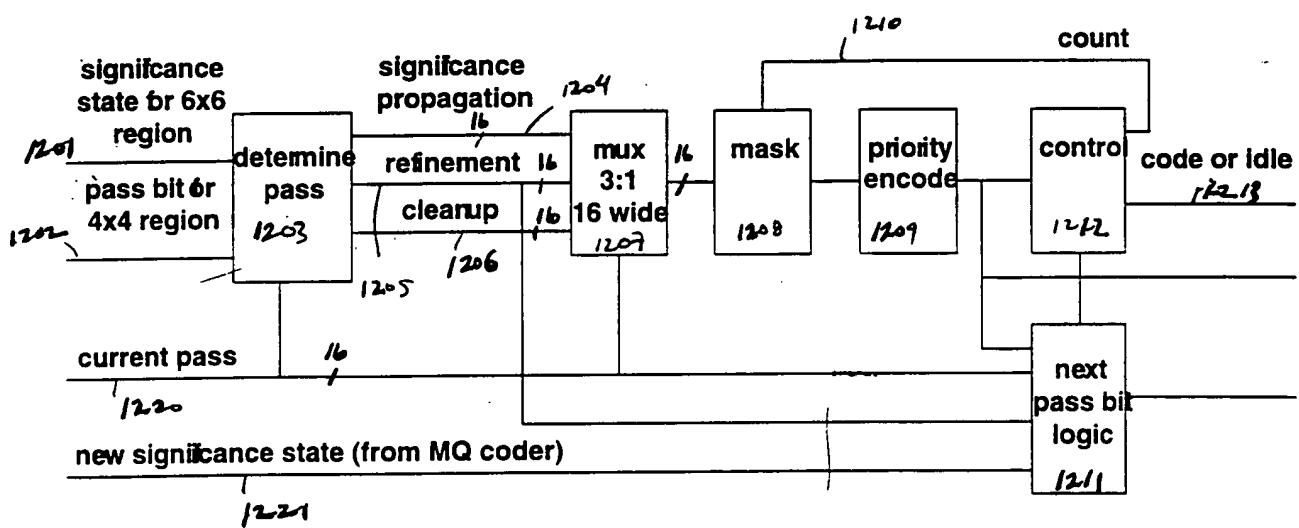


Figure 12

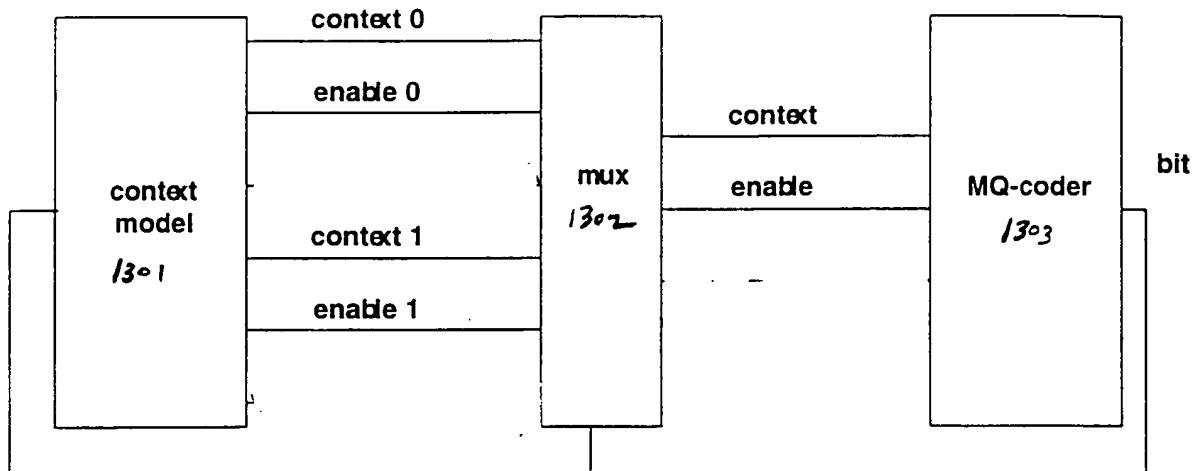


Figure 13

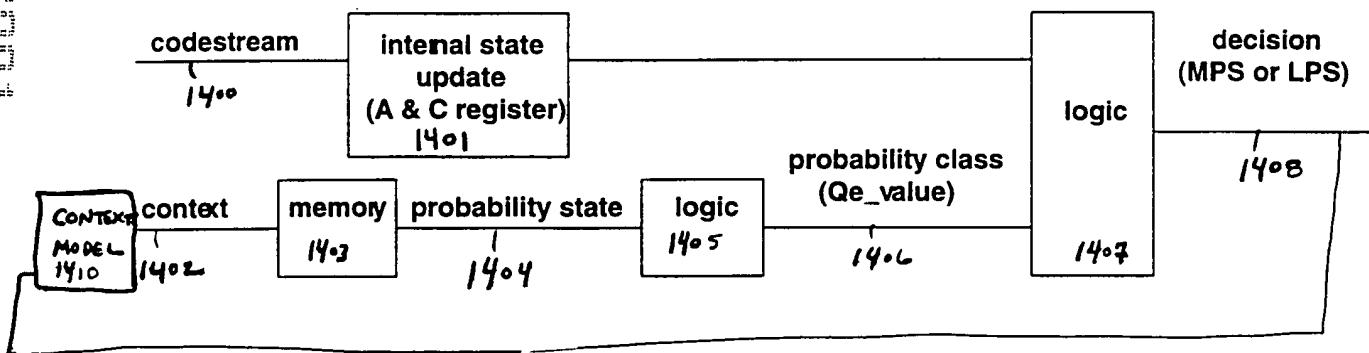


Figure 14A

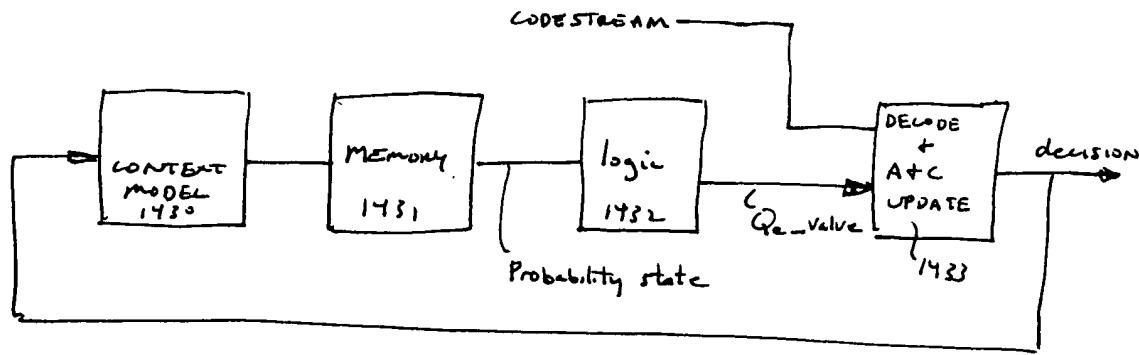


Figure 14B

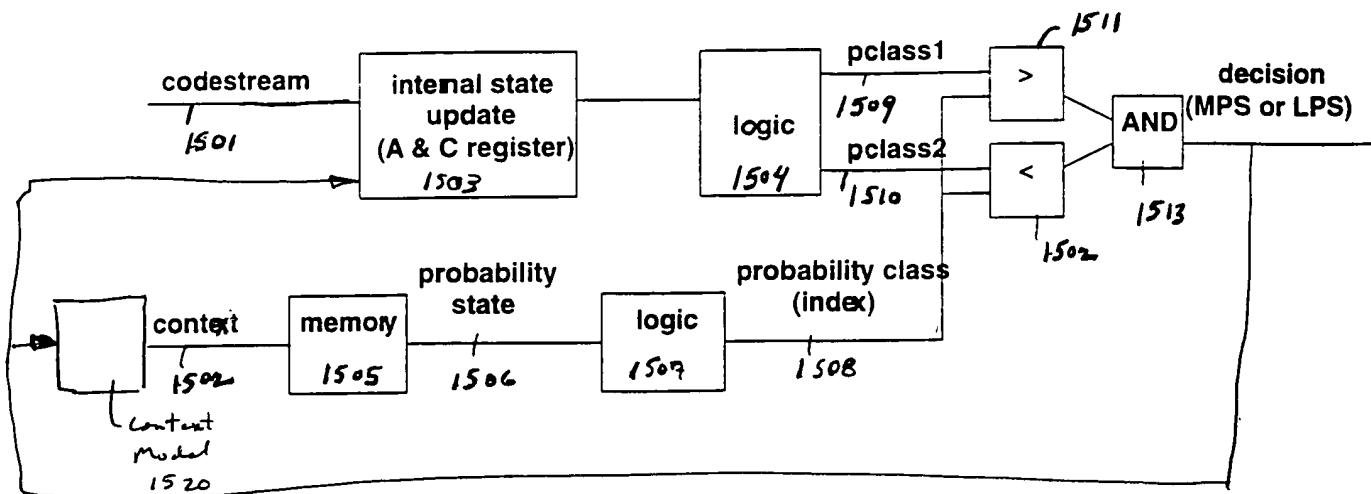


Figure 15

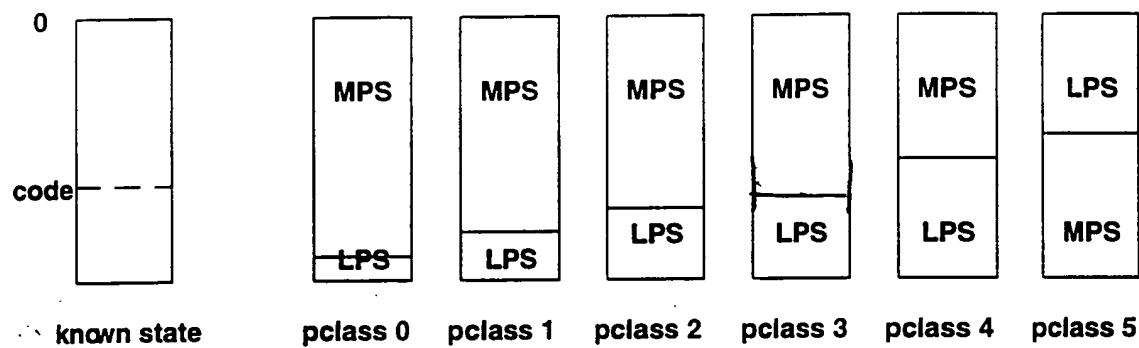


Figure 16A

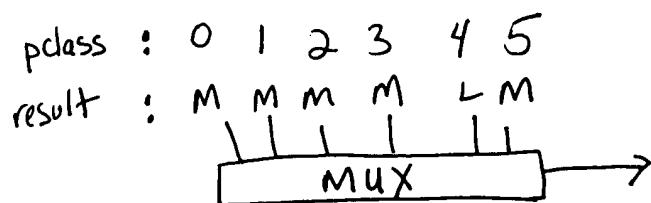
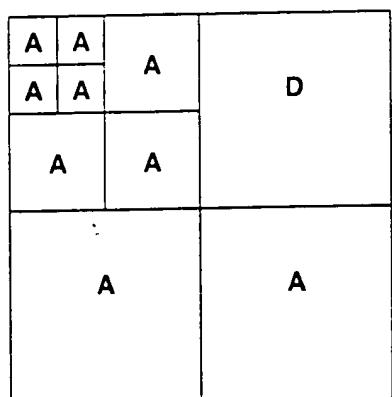


Figure 16B

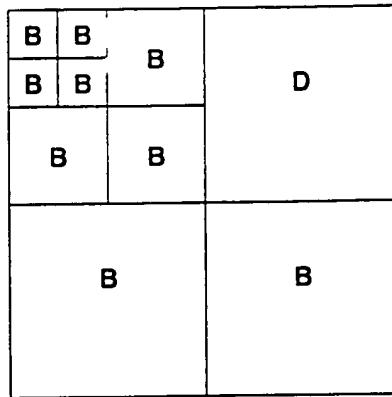
5MPS
4 MPS
3 MPS
2 MPS
1 MPS
LPS

Figure 17

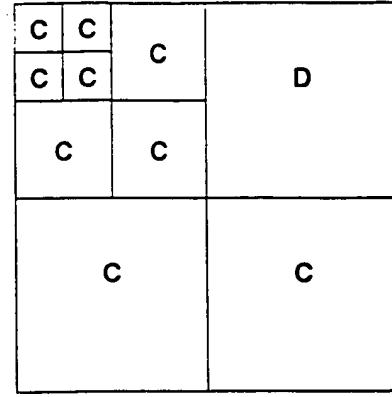
luminance



chrominance



chrominance



(A)

A	A		
A	A	A	B
A		A	
	B		A

C	C	C	
C	C	C	D
C	C		
D			C

E	E	E	F
E	E		
E	E		
F			E

(B)

F	F	B	C
F	F		
A	A		
A			B

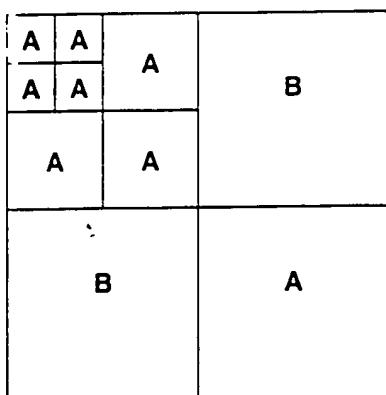
G	G	C	F
G	G		
B	C		
D			H

E	E	E	E
E	E		
D		D	
G		H	

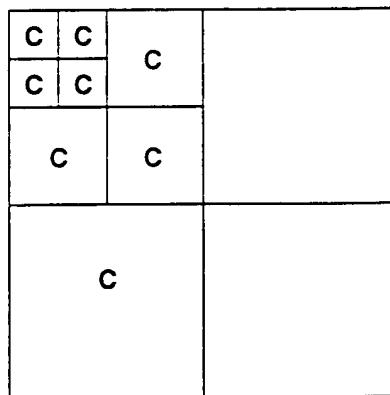
(c)

Figure 18

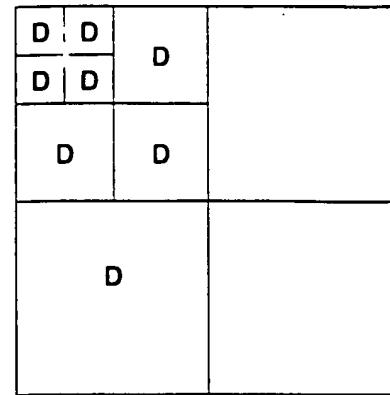
luminance



chrominance

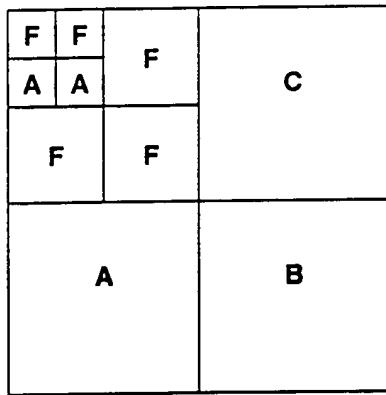


chrominance

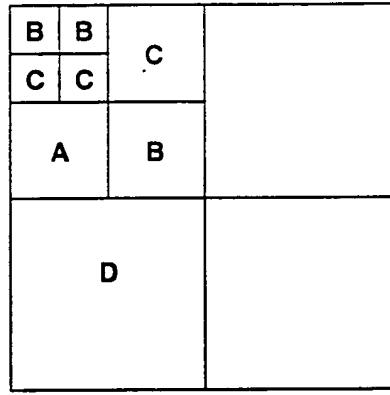


(A)

1000 J. Neurosci., November 1, 2006 • 26(44):9992–10003



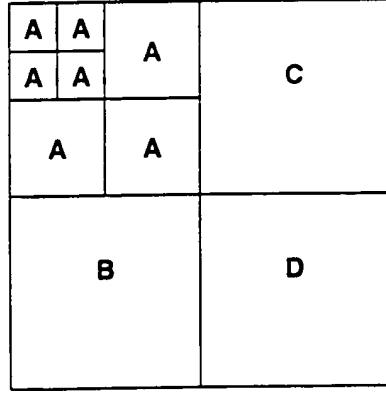
1000 JOURNAL OF CLIMATE



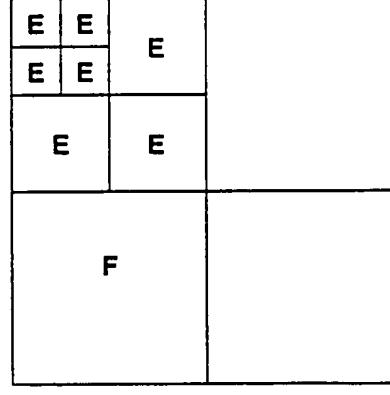
D	D	F	
E	E		
		D	E
E			

(8)

1000



5

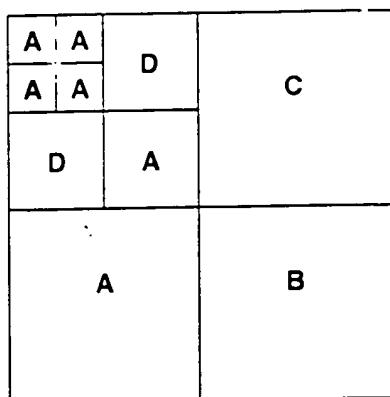


G	G	G
G	G	
G	G	
H		

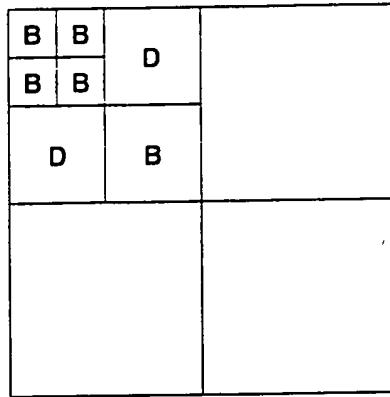
(c)

Figure 19

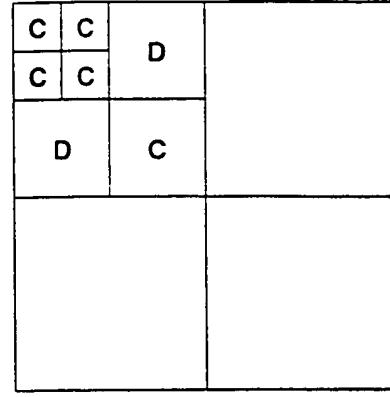
luminance



chrominance

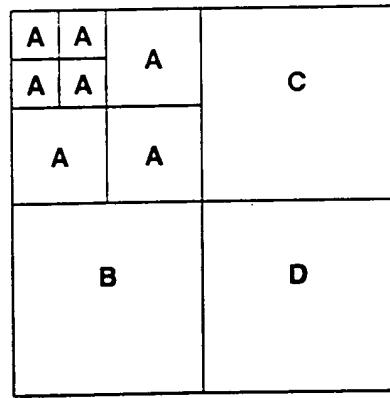


chrominance

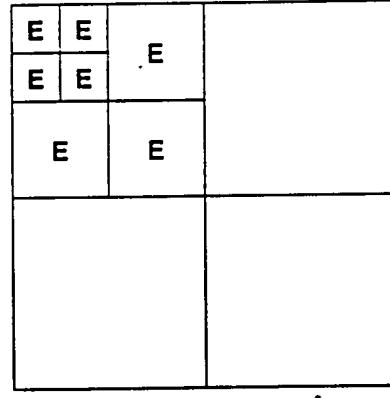


(A)

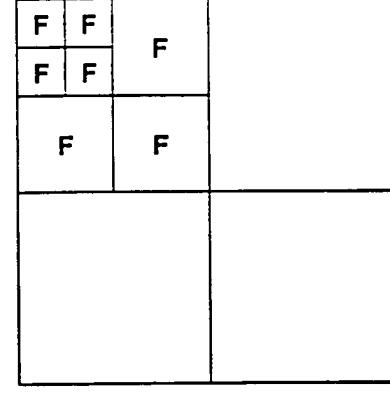
A



E

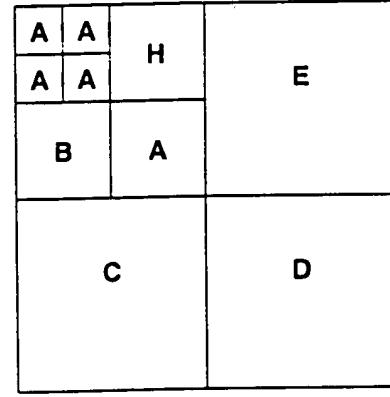


F

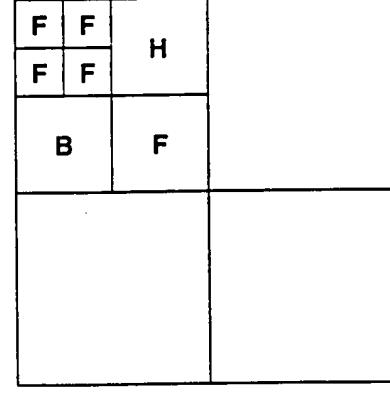


(B)

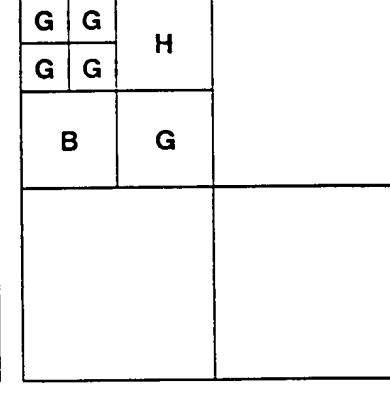
2



1



i | G



(c)

Figure 20

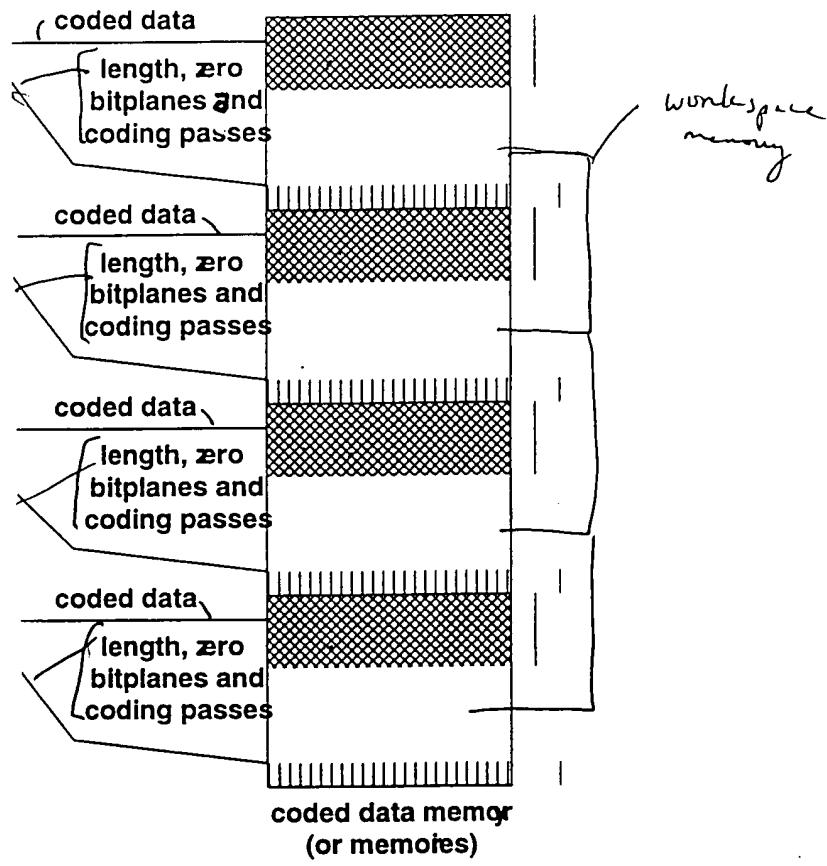


Figure 21

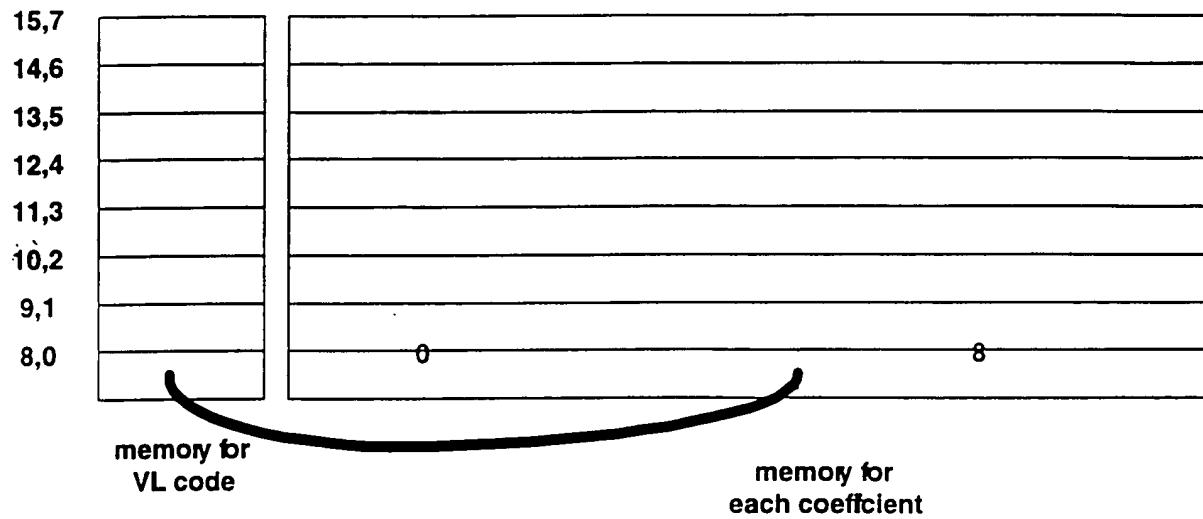
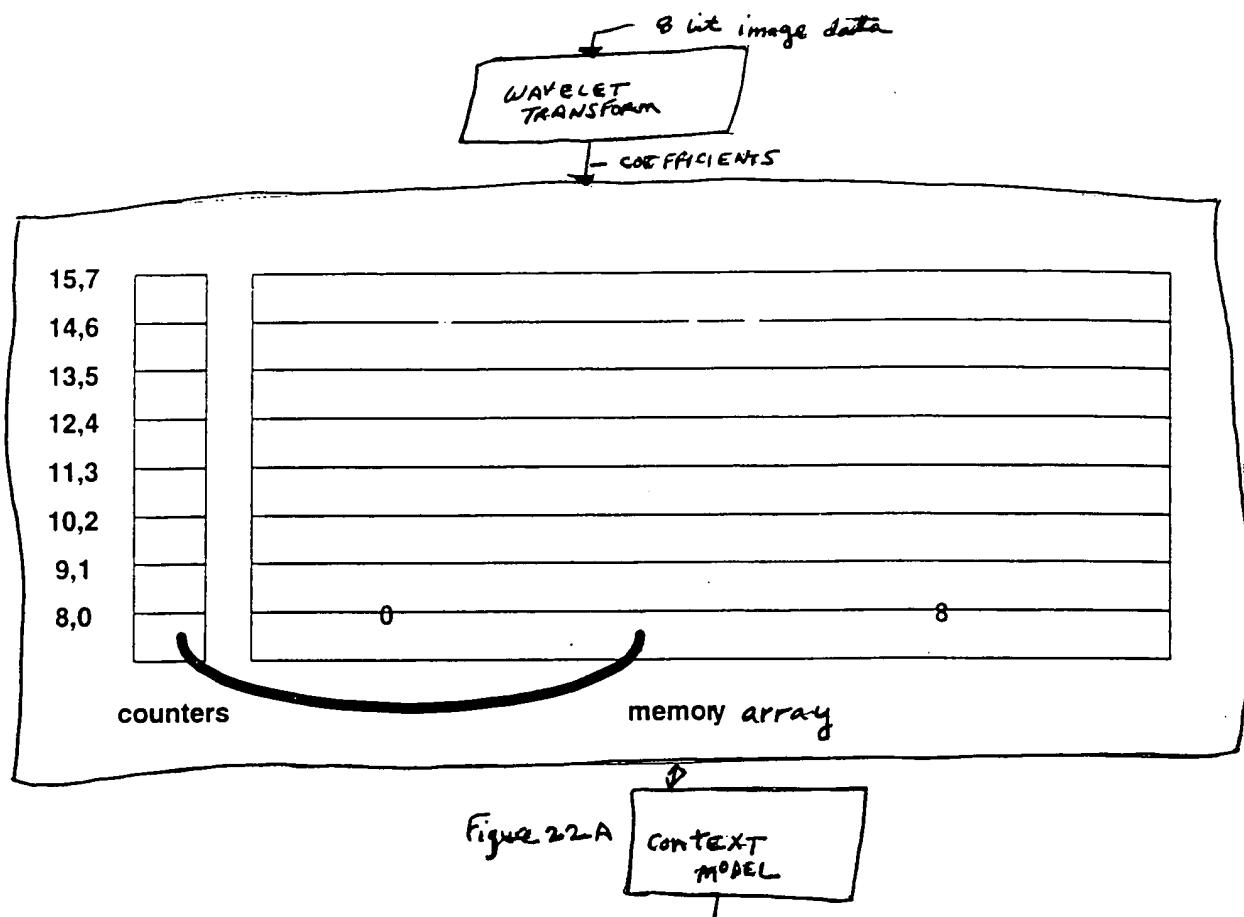


Figure 23

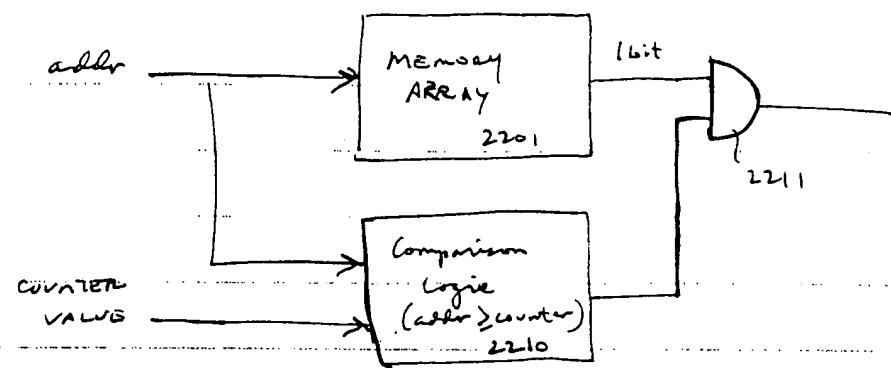


Figure 22B

FIG. 24

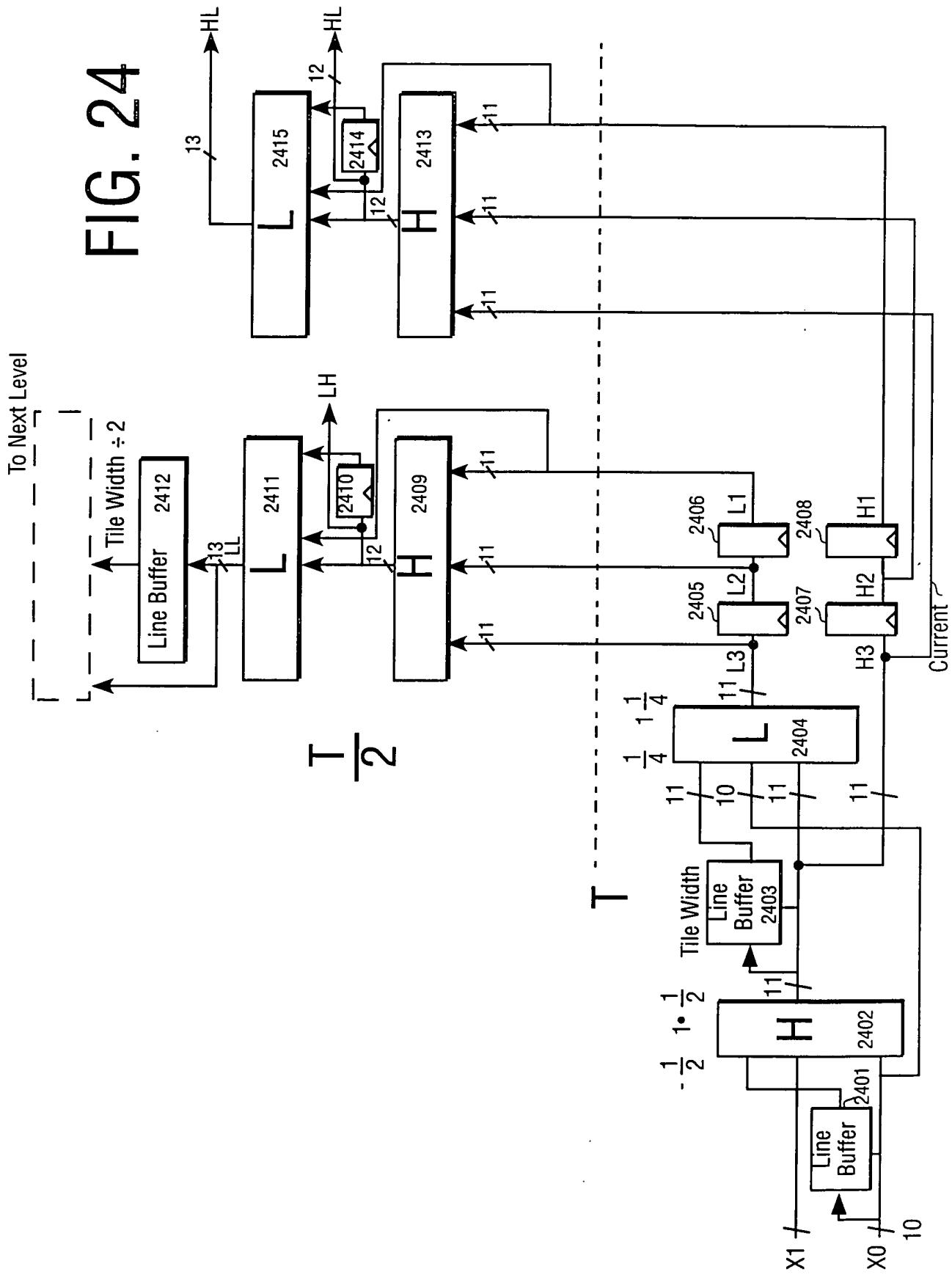


FIG. 25A

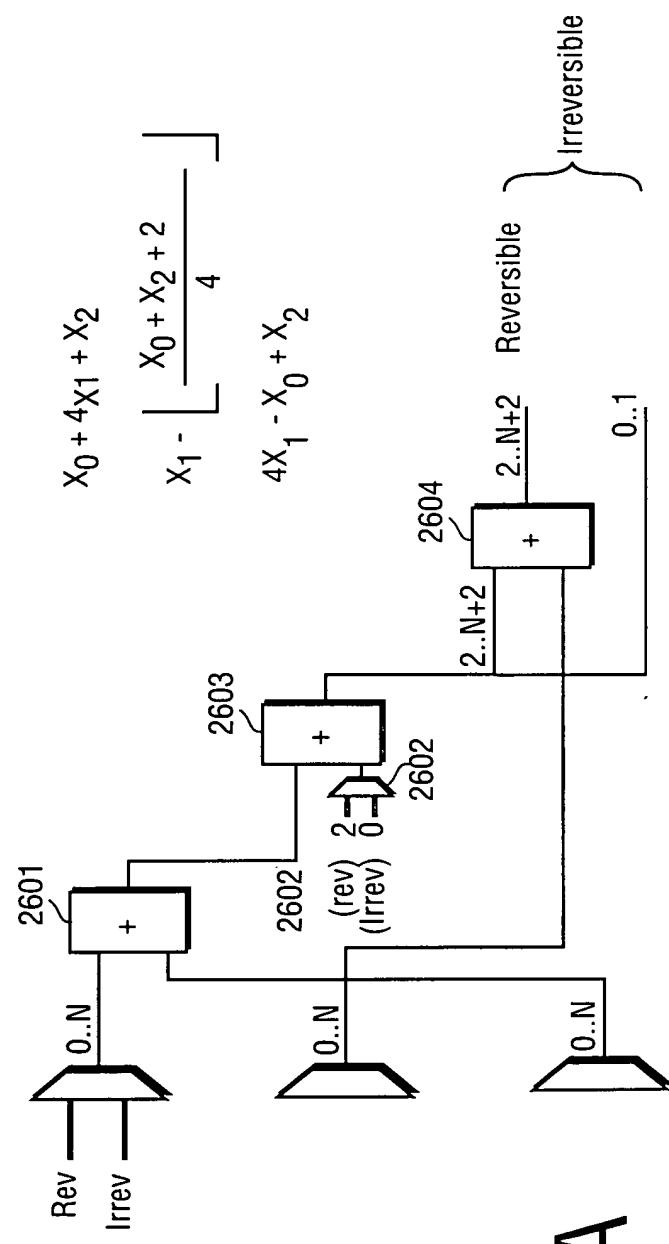
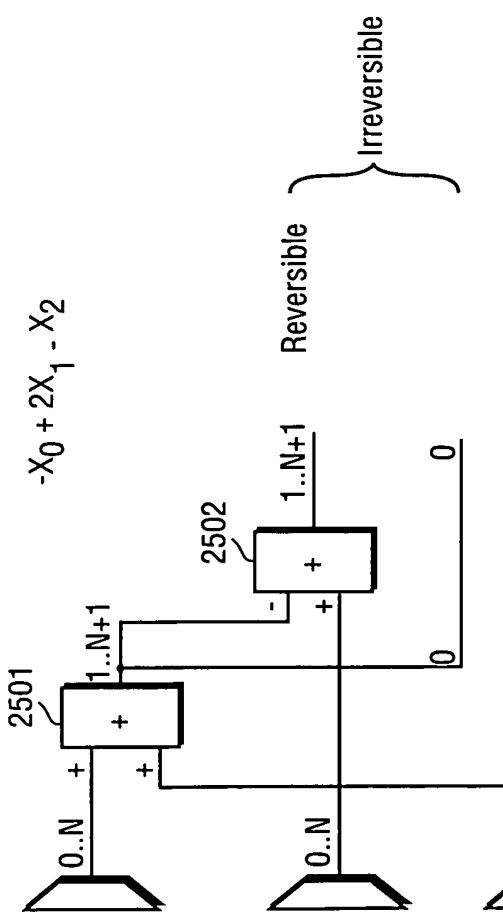


FIG. 26A

FIG. 25B

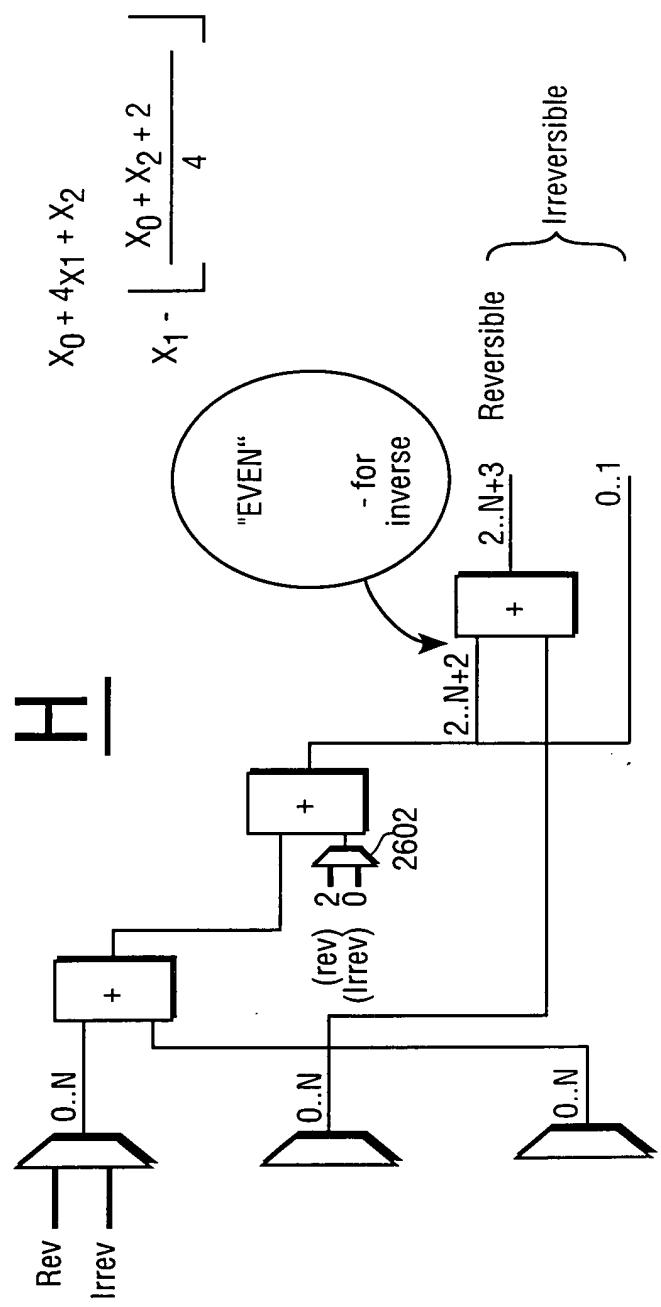
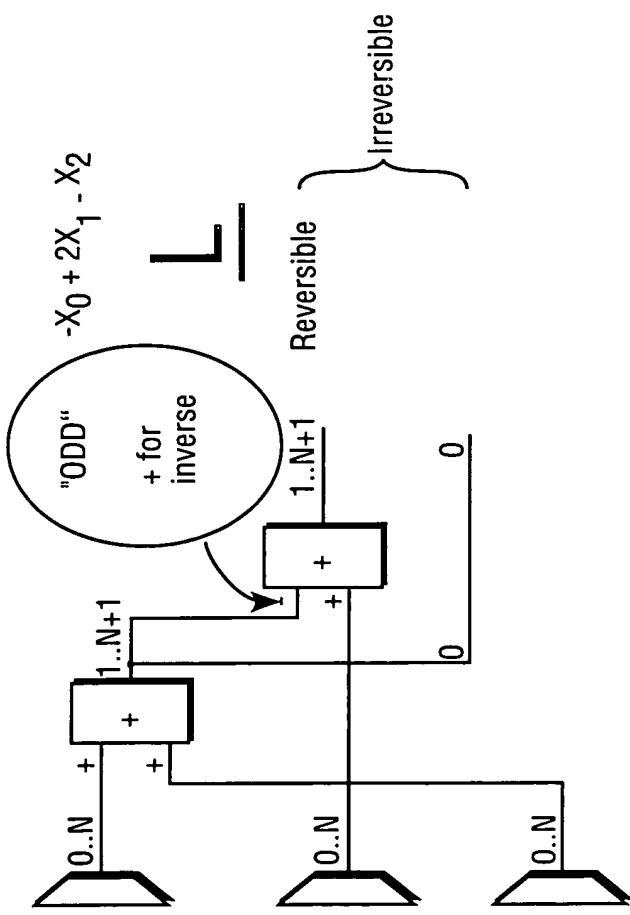


FIG. 26B

FIG. 27

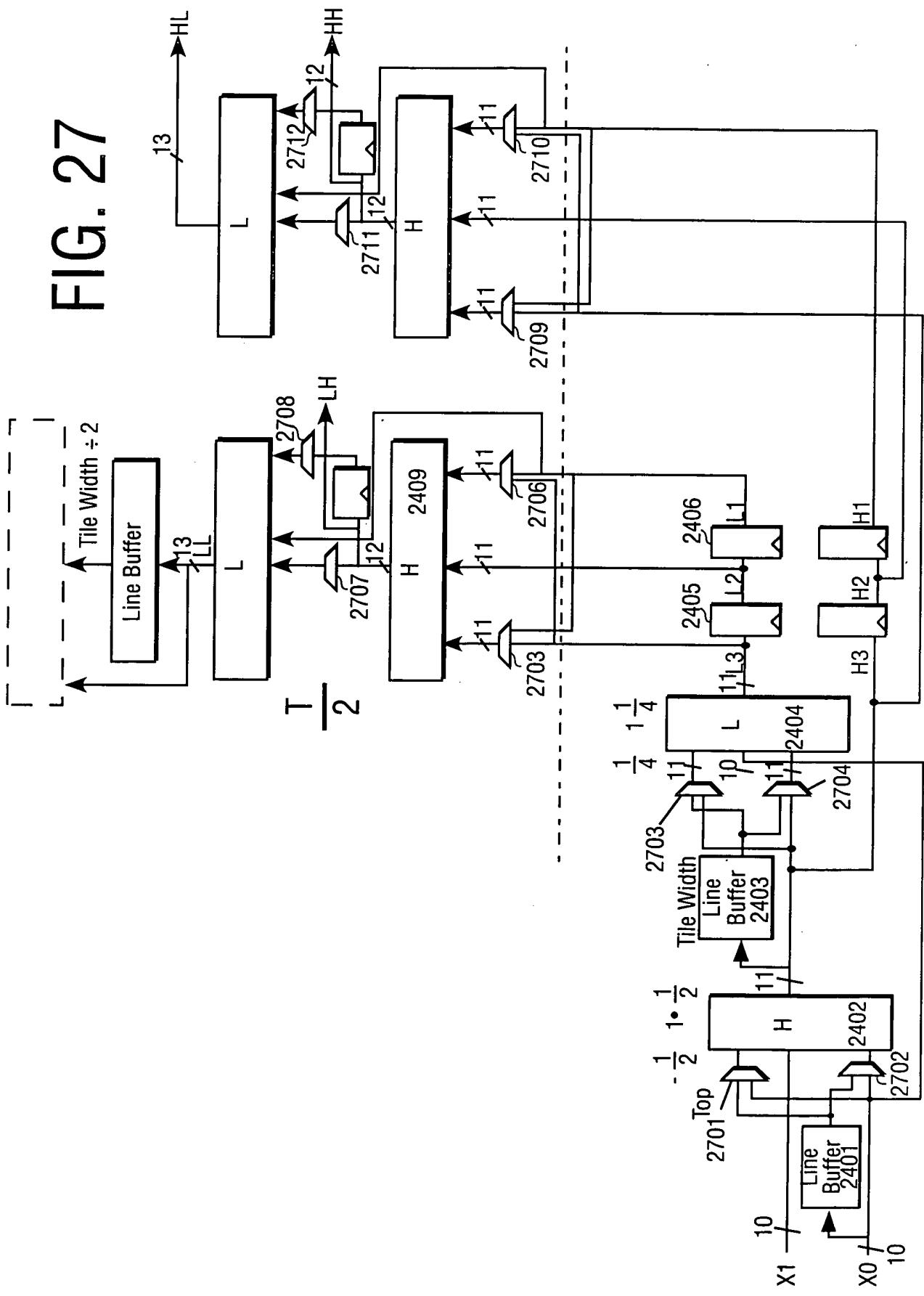
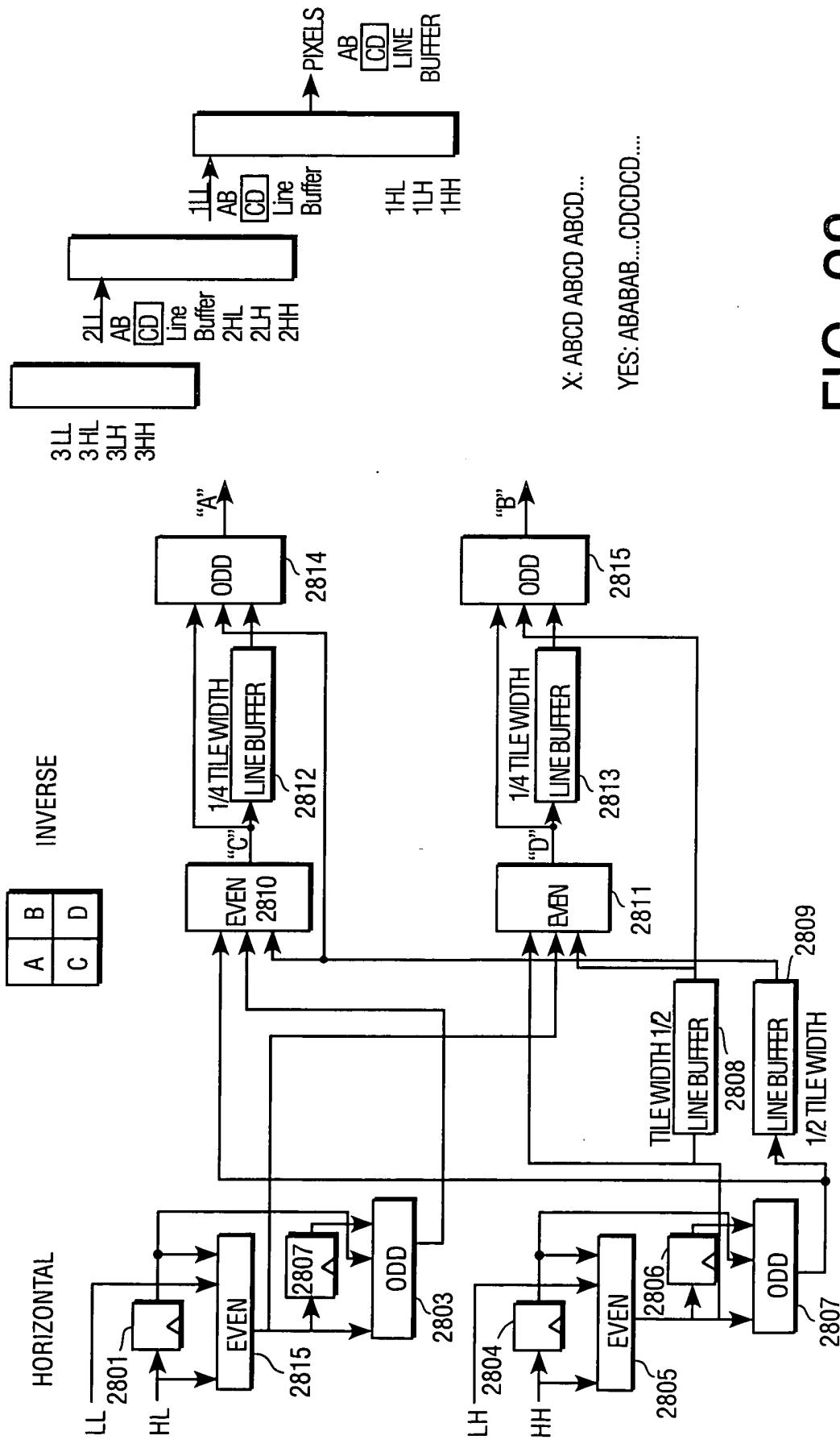


FIG. 28

LL HL LH HH



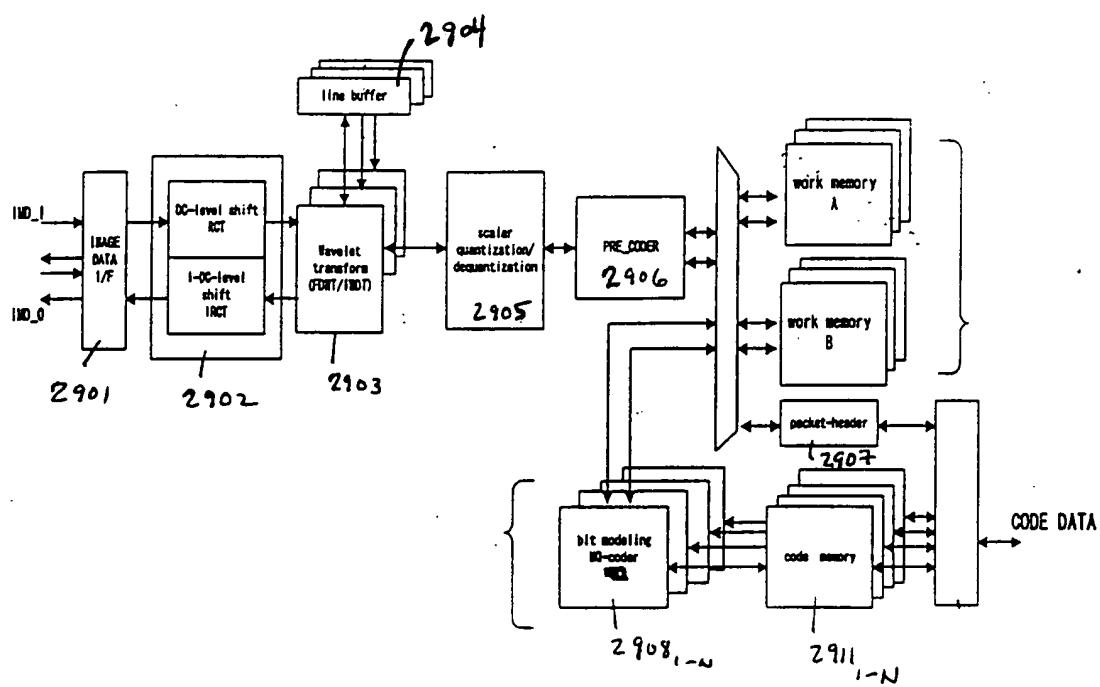


Figure 29

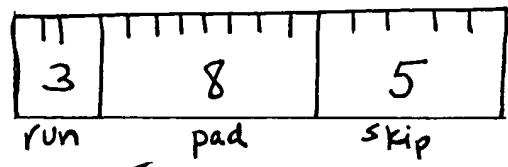


Figure 30

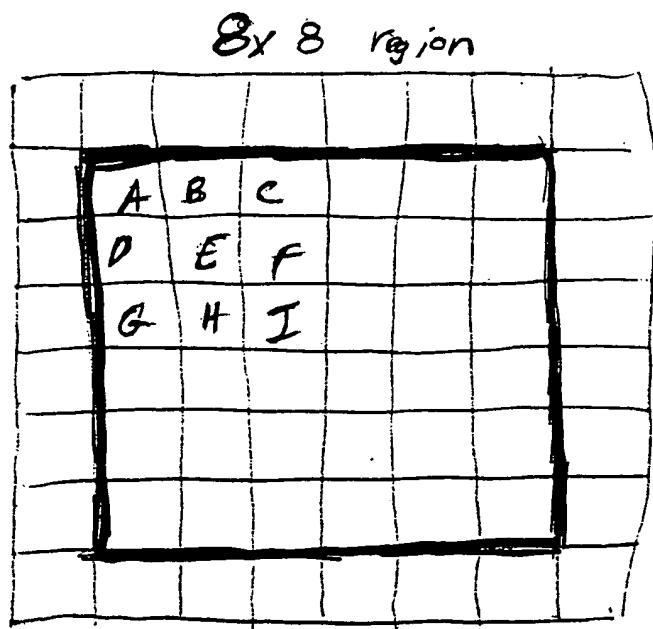


Figure 31

